

Title (en)

BROMATE/BROMINE FILTERCAKE REMOVAL FLUID

Title (de)

BROMID ODER BROMATHALTIGE FILTERKUCHENENTFERNUNGSFLÜSSIGKEIT

Title (fr)

FLUIDE DE RETRAIT DE GATEAU DE FILTRATION BROMATE/BROME

Publication

EP 1109875 B1 20041103 (EN)

Application

EP 98964085 A 19981218

Priority

- US 9826956 W 19981218
- US 12784298 A 19980803

Abstract (en)

[origin: US6143698A] A method for removing filtercake from a subterranean borehole comprising drilling the borehole with a drilling fluid that includes additives to form a filtercake having an oxidation-degradable component, preferably a polysaccharide. The filtercake is contacted with a clear brine containing bromine or bromate generating agents to degrade the polymers within the filtercake. The brine contains bromide salts and an oxidant capable of delayed oxidation of the bromide to bromine at downhole conditions.

IPC 1-7

C09K 7/02; **E21B 37/06**

IPC 8 full level

C09K 8/08 (2006.01); **C09K 8/52** (2006.01); **C09K 8/60** (2006.01)

CPC (source: EP US)

C09K 8/08 (2013.01 - EP US); **C09K 8/52** (2013.01 - EP US); **C09K 8/60** (2013.01 - EP US); **C09K 2208/18** (2013.01 - EP US)

Citation (examination)

Sulfamic acid; <http://www.iri-us.com/sulfamic/sulfamic.html>

Designated contracting state (EPC)

GB NL

DOCDB simple family (publication)

US 6143698 A 20001107; AU 1928299 A 20000228; BR 9815979 A 20010502; CA 2337836 A1 20000217; EP 1109875 A1 20010627; EP 1109875 B1 20041103; GB 0105369 D0 20010418; GB 2357538 A 20010627; GB 2357538 B 20030212; NO 20010582 D0 20010202; NO 20010582 L 20010202; US 6131661 A 20001017; WO 0008112 A1 20000217

DOCDB simple family (application)

US 20607798 A 19981204; AU 1928299 A 19981218; BR 9815979 A 19981218; CA 2337836 A 19981218; EP 98964085 A 19981218; GB 0105369 A 19981218; NO 20010582 A 20010202; US 12784298 A 19980803; US 9826956 W 19981218